

Building
Compliance

It's a hands-on
experience





Improving the world's well-being through hand hygiene and healthy skin

Hands

All it takes is just one touch and suddenly germs are spreading

More than 100,000 cases of health care associated infection lead to over 5,000 deaths directly attributed to infection each year and health care associated infections in England were estimated to cost £1 billion a year.

World Alliance for Patient Safety – Global Patient Safety Challenge 2005 – 2006



Hand hygiene compliance is a simple measure that can help reduce healthcare associated infections. Despite the simplicity of handwashing as an infection control measure, hand hygiene compliance levels can still be improved.

Information on how to increase hand hygiene compliance is now readily available from organisations such as the World Health Organisation (WHO) and NPSA through the clean**your**hands campaign. At GOJO we support the guidelines recommended by these organisations, who recommend the use of hygienic hand rub as part of the five moments for hand hygiene at the point of patient care.



GOJO continues to be at the forefront of research in exploring and developing new products to meet the needs of the healthcare market.

Hygienic hand rubs offer a practical and acceptable alternative to hand washing in patient contact situations, providing the hands are not visibly soiled. It enables hands to be decontaminated before and after each patient contact.

Having the correct skin care and infection control products available in the right place, including soap, moisturisers and hygienic hand rub, will increase hand hygiene compliance and protect both patients and healthcare workers. It also helps promote staff productivity and job satisfaction.

The Solution | The GOJO® hand hygiene regimen

1



2739-12-EEU00

5665-02-EEU00



5157-06-EEU00

Wash

Handwashing is the single most important measure for preventing the transmission of germs. The frequency of handwashing in the healthcare environment can increase the risk of skin irritation.

GOJO® Mild Lotion Soap and GOJO Mild Foam Hand Wash Fragrance Free are specifically formulated for the healthcare employee and are fragrance free and dye free. With emollients to help maintain good skin condition, both are designed for frequent handwashing.

Code	Mild Liquid and Foam Soap	Fits Dispenser
5665-02-EEU00 (MRB384)	GOJO Mild Foam Hand Wash Fragrance Free 1200ml TFX™ refill	2739-12-EEU00
5167-03-EEU00 (MRB382)	GOJO Mild Foam Hand Wash Fragrance Free 1250ml FMX™ refill	5157-06-EEU00
5767-04-EEU00	GOJO Mild Foam Hand Wash Fragrance Free 535ml pump bottle	5700-06
2103-08-EEU00 (MRB380)	GOJO Mild Lotion Soap Fragrance and Dye Free 1000ml NXT® refill	2139-06-EEU00
9103-12-EEU00 (MRB381)	GOJO Mild Lotion Soap Fragrance and Dye Free 800ml refill	9037-12
2903-12-EEU00 (MRB212)	GOJO Mild Lotion Soap Fragrance and Dye Free 118ml bottle	
2913-08 (MRB207)	GOJO Mild Lotion Soap Fragrance and Dye Free 1000ml (only available through NHS Supply Chain)	2945-08
2910-08 (MRB209)	GOJO Mild Lotion Soap Fragrance and Dye Free 500ml (only available through NHS Supply Chain)	2944-08

2



2729-12-EEU00

5476-04-EFF00



2129-06-EEU00

Sanitise

The aim of hand sanitising is to remove transient micro-organisms acquired on the hands before they can be transferred.

PURELL® Hygienic Hand Rub is the perfect solution for busy healthcare environments, where time, space and access are critical. PURELL provides an effective, affordable and convenient way to kill germs on the hands anytime, anyplace, anywhere. Its unique formula contains a quick-acting antimicrobial agent to kill germs while leaving the hands feeling soft and refreshed, encouraging regular use.

Code	PURELL Hygienic Hand Rub	Fits Dispenser
5476-04-EFF00 (MRB399)	PURELL Hygienic Hand Rub TFX 1200ml refill	2729-12-EEU00
2256-04-EFF00	PURELL Hygienic Hand Rub NXT 2000ml refill	2239-08-EEU00
2156-08-EFF00 (MRB073)	PURELL Hygienic Hand Rub NXT 1000ml refill	2129-06-EEU00
9657-12-EFF00 (MRB038)	PURELL Hygienic Hand Rub GOJO 800ml refill	9037-12
9659-12-EFF00 (MRB027)	PURELL Hygienic Hand Rub 350ml Pump bottle	
9651-24-EFF00 (MRB153)	PURELL Hygienic Hand Rub 118ml bottle	
9650-24-EFF00 (MRB061)	PURELL Hygienic Hand Rub 60ml flip top bottle	
9606-24-EFF00 (MRB063)	PURELL Hygienic Hand Rub 60ml personal issue spray	
3005-60-EFF00 (MRB148)	PURELL Hygienic Hand Rub 15ml bottle x 60 Goldfish bowl	
2914-08 (MRB249)	PURELL Hygienic Hand Rub Universal 1000ml refill (only available through NHS Supply Chain)	2946-08

PURELL Hand Sanitising Gel VF481™ is groundbreaking technology that's effective yet mild on hands. It offers broad spectrum viral efficacy that is specifically designed to meet the European antiviral norm EN 14476 and is clinically proven to be mild on the skin.

Code	PURELL Hand Sanitising Gel VF481 Antiviral Formula	Fits Dispenser
5496-04-EFF00	PURELL VF481 TFX 1200ml refill	2729-12-EEU00
6196-03-EFF00	PURELL VF481 FMX 1200ml refill	5157-06-EEU00
2196-08-EFF00	PURELL VF481 NXT 1000ml refill	2139-06-EEU00
9689-24-EFF00	PURELL VF481 60ml flip top bottle	
9696-12-EFF00 (MRB362)	PURELL VF481 350ml Pump bottle	



5496-04-EFF00

9696-12-EFF00

9689-24-EFF00



2185-08-EHR00

9665-12-EHR00

9685-24-EHR00

The formulation for Alcohol Based Gel PURELL 85 makes it possible to respond to the needs of hygienic decontamination and surgical disinfection of the hands.

Code	Alcohol Based Gel PURELL 85	Fits Dispenser
2185-08-EHR00	PURELL 85 NXT 1000ml refill	2139-06-EEU00
9665-12-EHR00 (MRB071)	PURELL 85 350ml Pump bottle	
9685-24-EHR00 (MRB069)	PURELL 85 60ml personal issue spray	

3



8200-12

8242-06-EEU00

Moisturise

Frequent hand washing can leave hands feeling dry, cracked and irritated – a condition that can discourage proper hand washing and increase the possibility of infection. GOJO HAND MEDIC® Professional Skin Conditioner is a water-based, fragrance-free emollient that helps maintain the skin's natural protective barrier and prevent dry, damaged hands. Its non greasy formula makes it easy to use and encourages regular use.

Code	Moisturising	Fits Dispenser
8242-06-EEU00 (MRB383)	GOJO HAND MEDIC Professional Skin Conditioner 500ml refill	8200-12
8142-12-EEU00 (MRB218)	GOJO HAND MEDIC Professional Skin Conditioner 60ml bottle	
8150-12	GOJO HAND MEDIC Professional Skin Conditioner 148ml tube	
8141-08 (MRB214)	GOJO HAND MEDIC Professional Skin Conditioner 500ml Universal refill (only available through NHS Supply Chain)	2947-08



Delivering the best in hand hygiene

GOJO is the only supplier to the NHS and other healthcare establishments to offer a full range of hand hygiene products and services. Focusing on dedicated training and education to promote healthy skin.

Dispensers



2739-12-EFF00



2729-12-EFF00

TFX™ Touch Free Dispenser

The future of hand hygiene is touch-free. With a skylight, it is easy to see when the 1200ml high-capacity refill needs to be replaced. The dispenser uses three standard C-size alkaline batteries (included) which allow for approximately 30,000 actuations. A LED light shows when the battery charge is low and the dispenser will automatically turn off when opened. Fully RoHS compliant.



5157-06-EEU00

FMX™ Dispenser

Holds a 1250ml refill of soap and delivers approximately 1,700 applications. One hand push operation makes it easy to use. An optional key lock is included for added security.



2129-06-EEU00

NXT® SPACE SAVER™ Dispenser

Durable, high performance system with a smaller footprint than traditional 800ml dispensers, yet holds 1000ml of product. Ideal for applications with limited wall space.



2945-08

2946-08

2947-08

Universal Bracket

(for use with refills purchased through NHS Supply Chain)
Designed specifically for use with the NHS latch system on the back plate, these easy to use brackets are available in either 1000ml or 500ml for GOJO Mild Lotion Soap Fragrance and Dye Free, 1000ml for PURELL Hygienic Hand Rub and 500ml for GOJO HAND MEDIC Professional Skin Conditioner. These brackets are easy to clean and as part of the design, incorporate clear directions of use. To secure the bottles in place there is a latch as an additional feature for increased security.

GOJO SANITARY SEALED™ Refills

Safe: The soap inside is protected from contamination because it is factory sealed and includes a fresh nozzle with each refill

Smart: The logical choice for helping prevent the spread of germs

Simple: Virtually labour-free: snap a new refill into a GOJO dispenser in seconds.



Product Description	Product Code	Refill
GOJO TFX Touch Free Dispenser	2739-12-EEU00	5665-02-EEU00 (MRB384)
PURELL TFX Touch Free Dispenser	2729-12-EEU00	5476-04-EFF00 (MRB399) 5496-04-EFF00
NXT SPACE SAVER Dispenser	2139-06-EEU00	2103-08-EEU00 (MRB380)
PURELL NXT SPACE SAVER Dispenser	2129-06-EEU00	2156-08-EFF00 (MRB073)
GOJO FMX Dispenser	5157-06-EEU00	5167-03-EEU00 (MRB382)
GOJO HAND MEDIC Dispenser	8200-12	8242-06-EEU00 (MRB383)
Wash Universal Bracket	2944-08 (for 500ml refill) 2945-08 (for 1000ml refill)	2910-08 (MRB209) 2913-08 (MRB207)
Sanitise Universal Bracket	2946-08 (for 1000ml refill)	2914-08 (MRB249)
Moisturise Universal Bracket	2947-08 (for 500ml refill)	8141-08 (MRB214)

Speciality Products



PURELL Sanitising Station

A free-standing unit (dispenser and refills sold separately) offers the combination of a PURELL TFX Touch Free dispenser and a sturdy, moveable stand for use in high-traffic locations. Highly visible signage sends the message that you care about reducing the spread of germs.

Product Description	Product Code	Refill	Dispenser
PURELL Sanitising Station - Grey	2424-DS	5476-04-EFF00 (MRB399) 5496-04-EFF00	2729-12-EEU00
PURELL Sanitising Station - Chrome	2423-DS	5476-04-EFF00 5496-04-EFF00	2729-12-EEU00
PURELL Wall Mounted Universal Stand	2427-DS	5476-04-EFF00 5496-04-EFF00	2729-12-EEU00

HOOK-ON™ Holder

For maximizing the placement of PURELL Hygienic Hand Rub and PURELL Hand Sanitising Gel VF481 350ml bottles, this holder will hook onto most beds, trolleys and rails. Now with lockable device for added security. Made of durable plastic and with a non-slip rubber coating, it is robust and reliable. Comes complete with 2 matching tie wraps for permanent fixing if required. (Bottle sold separately.)

PLACES™ Holder

Compact, easily removable adhesive-mounted bracket allows you to place PURELL Hygienic Hand Rub and PURELL Hand Sanitising Gel VF481 350ml bottles on almost any smooth wall or vertical surface. Clean, simple lines match every setting and makes the most of limited space. (Bottle sold separately.)

Product Description	Product Code	Bottle Refills
HOOK-ON Holder	9007-12 (MRB184)	9659-12-EFF00 (MRB027) 9696-12-EFF00 (MRB362) 9665-12-EHR00 (MRB071)
PLACES™ Holder	9005-12 (MRB108)	9659-12-EFF00 (MRB027) 9696-12-EFF00 (MRB362) 9665-12-EHR00 (MRB071)



PURELL PERSONAL Gear Retractable Clip

For use with PURELL Hygienic Hand Rub and PURELL Hand Sanitising Gel VF481 60ml bottles, the retractable clip attaches easily to clothing for a portable PURELL solution that helps fight against the spread of infection. Ideal for busy healthcare workers. (Bottle sold separately.)

PURELL PERSONAL Non-retractable Clip

Offers the same benefits as the PURELL PERSONAL Gear Retractable Clip while the bottle remains in a fixed place. (Bottle sold separately.)

PURELL Short Clip

This clip enables workers in high risk areas to enjoy the convenience of hand decontamination in a staff carried format. Extremely strong clip will hold on all material types. (Bottle sold separately.)



Product Description	Product Code	Bottle Refills
PURELL PERSONAL Gear Retractable Clip	9608-24 (MRB105)	9606-24-EFF00 (MRB063) 9650-24-EFF00 (MRB061) 9689-24-EFF00
PURELL PERSONAL Non-retractable Clip	9613-24	9606-24-EFF00 (MRB063) 9650-24-EFF00 (MRB061) 9689-24-EFF00
PURELL Short Clip	9612-24 (MRB181)	9606-24-EFF00 (MRB063) 9650-24-EFF00 (MRB061) 9689-24-EFF00

GOLDFISH BOWL

The Goldfish Bowl makes the sanitising of hands easily accessible to all as it comes with 60 15 ml bottles of PURELL Hygienic Hand Rub.

Product Description	Product Code
Goldfish Bowl	3005-60-EFF00 (MRB148)



3005-60-EFF00

PURELL Sanitising Hand Wipes

Individually wrapped PURELL Sanitising Hand Wipes are ideal as patient wipes to quickly clean and sanitise hands before and after each meal.

Product Description	Product Code
PURELL Sanitising Hand Wipes 1000 ct.	9021-1M (VJT143)
PURELL Sanitising Hand Wipe Dispenser	9023-06



9021-1M



9023-06

2900-06



**Community Pack
(for Healthcare Workers)**

The community pack is ideal for anyone who needs to follow a hand hygiene regime while on the move. It is handy enough to fit in your bag and contains a 118ml bottle of GOJO Mild Lotion Soap Fragrance and Dye Free, 60ml flip top bottle of PURELL Hygienic Hand Rub and a 60ml bottle of GOJO HAND MEDIC Professional Skin Conditioner. Includes an educational leaflet with skin care advice for Healthcare Workers.

Product Description	Product Code	Bottle Refills
Community Pack	2900-06 (MRB252)	2903-12-EEU00 (MRB212) 9650-24-EFF00 (MRB061) 8142-12-EEU00 (MRB218)

SHIELD™ Floor and Wall Protectors

SHIELD Floor and Wall Protectors help maintain wall and floor appearance by attaching to the bottom of dispensers. Protects floor, wall and countertop. RoHS compliant, simple and easy to install. Works with previously installed systems.

Product Description	Product Code	For use with dispenser
SHIELD for TFX Touch Free Dispenser	2760-06	2729-12-EEU00
SHIELD Floor and Wall Protector for NXT dispenser	2145-06 (MRB172)	2139-06-EEU00
Splash Guard for Universal Bracket	2948-08	2946-08



2760-06



2948-08



2145-06

Support programme

It's not just about product

With a dedicated sales team specialising in skin care in the working environment, GOJO offers education and training to raise awareness of keeping the skin healthy at all times. Our team will provide a complete skin care regime to encourage correct washing techniques and application.



Kiddies label for GOJO TFX dispenser



PURELL Hygienic Hand Rub label for PURELL TFX dispenser

Dispenser labels available for TFX, FMX and NXT dispensers. For more information please contact GOJO on 01908 588444.

Support

- Site Survey
 - Evaluation questionnaire
 - Site requirement audit
 - Full audit report
- Installation
 - Follow up on location specification
 - Training housekeeping staff
 - Correct placement of materials
 - GOJO dispenser installation team
- Training
 - On-site at customer location
 - CD's
 - Presentation's
 - Dedicated Healthcare Specialists
 - Dynamic educational support
 - Attendance at NHS Study Days
 - Skin monitoring tools
- Monitoring Compliance
 - Compliance reporting
- Technical Support
 - Germ kill efficacy data
 - Skin tolerance evidence
 - Frequent science & technological updates
 - Thought leaders collaborations
 - Research documents
 - Technical studies
- Staff/Patient/Advice Information
 - Hand hygiene leaflet
 - Why? When? How? booklet for both PURELL and PURELL VF481
 - PURELL Hygienic Hand Rub Sell Sheet
 - PURELL Hand Sanitising Gel VF481 brochure
- Memberships
 - IPS Corporate Members
 - NPSA
 - cleanyourhands Campaign

The Evidence | Case Studies

Boyce JM, Kelliher S, Vallande N. **Skin irritation and dryness associated with two hand-hygiene regimes: soap and water hand washing versus hand antiseptics with an alcoholic hand gel.** *Infect Control Hosp Epidemiol*. 2000; 21:442-448.

Objective: To compare the frequency of skin irritation and dryness associated with using an alcohol hand gel regimen for hand antiseptics versus soap and water hand washing.

Study Design: A prospective, randomised trial with cross-over design comparing an alcohol hand gel (Purell) with plain soap and water hand washing with 29 nurses working on 3 hospital wards. Irritation and dryness were evaluated by self-assessment and by visual assessment by a study nurse. Use of hand creams or lotions was not permitted.

Results/Conclusions: A well formulated alcohol gel containing moisturisers is well tolerated by healthcare workers and may cause less skin irritation and dryness than plain soap and water hand washing.

Bischoff WE, Reynolds TM, Sessler CN, Edmond MB, Wenzel RP. **Hand washing compliance by health care workers. The impact of introducing an accessible, alcohol based hand antiseptic.** *Arch Intern Med*. 2000; 160:1017-1021

Objective: To investigate the efficacy of an education/feedback intervention and patient awareness programme on hand washing compliance as compared with the acceptance and use of a new and accessible alcohol hand gel.

Study Design: 6 month prospective, observational study to compare the efficacy of an education/feedback intervention and patient awareness programme as compared with introduction of an alcohol based instant hand sanitizer (Purell). Direct observation of hand washing for 1575 potential opportunities over 120 hours randomised for both time of day and bed location. Hand sanitizer dispensers were available in a ratio of 1:4 patients and subsequently 1:1 patient.

Results/Conclusions: Introduction of an alcohol based instant hand sanitizer resulted in significantly higher hand washing rates and compliance improved as accessibility was enhanced; 19% to 41% with 1:4 dispenser: patient ratio, and 23% to 48% with a 1:1 ratio. Education/Feedback intervention and patient awareness programmes failed to improve hand washing compliance.

Hammond B, Ali Y, Fendler E, Dolan M. **Effect of hand sanitizer use on elementary school absenteeism.** *Am J Infect Control*. 200; 28:340-346.

Objective: To assess the effectiveness of an alcohol gel hand sanitizer in the classroom to help decrease the illness related absentee rate for elementary school students.

Study Design: 6,000 students in 5 school districts in 4 states participated in a 10 month case study in which alcohol based hand sanitizer dispensers (Purell) were placed at the doorway to the classrooms. Individual schools were paired into product and control groups. Absenteeism due to infection was recorded.

Results/Conclusions: Elementary school students in schools using an alcohol based hand sanitizer showed a significant reduction in absenteeism (20%), and a reduction in teacher absenteeism (10%) as compared with the control groups.

Paulson DS, Fendler EJ, Dolan MJ, Williams RA. **A close look at alcohol gel as an antimicrobial sanitizing agent.** *Am J Infect Control*. 1999; 27:332-338

Objective: Identify the most effective hand wash product regimen from both an overall micro-organism reduction profile and skin irritation potential.

Study Design: Five hand wash product regimens were evaluated using the Healthcare Personnel Hand Wash procedure and expert hand evaluation after 25 consecutive washes: a non-antimicrobial lotion soap, non-antimicrobial lotion soap with alcohol gel sanitizer and an antimicrobial lotion soap with an alcohol gel sanitizer.

Results/Conclusions: The most effective product regimens were the use of the alcohol gel sanitizer in combination with either an antimicrobial or plain lotion soap.

Fendler EJ, All Y, Hammond BS, Lyons MK, Kelly MB, Vowell NA. **Effects of alcohol hand sanitizer on infection control in an extended care facility.** *Am J Infect Control*. 2002 (in press)

Objective: To determine the effect of alcohol gel sanitizer on infection rates and types in an extended care facility.

Study Design: Alcohol gel hand sanitizer (Purell) was provided to 2 units (83 beds) of a 275 bed extended care facility. Product was available in dispensers located in the nursing stations, on medication and treatment carts, and in the dining rooms of the units. Individual portable bottles were also provided for use by the nursing staff. Infection rate and type data were collected on a monthly basis and monitored over a 40 month period, the units not using the gel hand sanitizer served as the control group.

Results/Conclusions: the use of the alcohol gel sanitizer by caregivers in an extended care facility reduced the infection rate by 29.7% during a 40 month period, indicating that it is an additional tool for an effective infection control programme.

Hillburn J. Texas Society of Infection Control Practitioners; Fendler EJ, Groziak PA, Hammond BS, GOJO Industries Inc. **The use of alcohol hand sanitizer as an effective infection control strategy in an acute care facility.**

Objective: Nosocomial infections are a major problem in healthcare facilities, resulting in extended durations of care, substantial morbidity and mortality, and excess costs. Since alcohol gel hand sanitizers combine high immediate antimicrobial efficiency with ease of use, this study was carried out to determine the effect of the use of hand gel sanitizer by caregivers on infection rates and types in an acute care facility. Patients were educated about the study through a poster on the unit and teachable patients were given bottles of the alcohol hand gel for bedside use, along with an educational brochure explaining how and why to practice good hand hygiene.

Methods: Infection rate and type data were collected in one unit of a 498 bed acute care facility for 16 months (February 2000 To May 2001). An alcohol gel was provided and used by the caregivers in the orthopaedic surgical unit of the facility during this period.

Results: The primary infection types found were urinary tract (UTI) and surgical site infections (SSI). Comparison of the infection types and rates for the unit when using the alcohol hand sanitizer (intervention) were compared with the same unit when not using the alcohol hand sanitizer (baseline) showed a decrease of 36.1% in infection rates for the 10 month period when hand sanitizer was used.

Conclusion: This study indicates that use of an alcohol gel hand sanitizer can decrease infection rates and provide an additional tool for an effective infection control programme in acute care facilities.



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